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FROM— P. C. Schlemmer, Mgr Hanford Operation

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AIR MAIL

27881

TO: Walter J. Williams, USAEC, Washington, D. C.
FROM: Fred C. Schlenmer, Manager, Hanford Operations
Office, Richland, Washington

July 15, 1949

EVENTS OF IMPORTANCE FOR WEEK ENDING JULY 13, 1949

SYMBOL: ICH:RWR

DECLASSIFIED

Enclosed is subject report for week ending July 13, 1949.

Fred C. Schlenmer

Encl: Copies #1 thru #16

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AIR MAIL

EVENTS OF IMPORTANCE FOR WEEK ENDING JULY 13, 1949

Hanford Operations Office
Richland, Washington

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I - ADMINISTRATION:

One bid was received for a newspaper operation in Richland on bid opening day, July 12, 1949. The bidder is R. H. Frayn, Seattle commercial printer, who already has been awarded a job printing concession. His bid is now being considered.

II - OPERATIONS:

234-5:

A total of 14 batches have been started through the line with 3 being processed successfully through reduction. Three batches are held up due to normal processing difficulties.

Redox and Metal Waste Recovery Programs:

Representatives of the General Electric Company and the Hanford Operations Office are in New York the week of July 11 to formulate with Kellogg a joint process development program for stored metal feed preparation and waste crystallization.

Calibration and testing of the revised Demonstration Unit are essentially completed. The first run is scheduled to start within the next week.

Alpha-Rolled Metal:

The first discharge of alpha-rolled, triple-dipped, completely transformed metal at the nominal level of 400 MWD/st occurred on July 7 when approximately 5 tons were pushed at 403 MWD/st (average) with no difficulty. Sixteen tons of the same metal were discharged without difficulty during the week at an average concentration of 396 MWD/st.

III - CONSTRUCTION:

Process Areas:

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100 (Pile) Area:

100-H - The leakage rate of the 105-H Pile, disclosed by the gas

tests of this unit, has been reduced although some loss is still evident. The steamfitters strike on equipment installation in 184-H is still in progress and is delaying completion of this building. The 105-H Building is now considered 83% complete, and H Area is considered 91% complete overall.

200 (Separation) Areas:

234-5 - The exact cause of continued fluctuations in the ventilation system zone pressure is still being investigated. Operations forces have taken over the testing of the system since construction charges were stopped July 1. Specified temperatures of 40 degrees cannot be obtained by the chiller in the refrigeration system, and investigation of this deficiency is in progress. The signal and alarm circuits on the airlock doors are incomplete, and work was taken over by General Electric forces on July 1.

Rala - The project proposal has been completed and submitted to AEC.

Redox - Design of the Redox Analytical Plant Assistance Laboratory is approximately 38% complete, which is broken down as follows: working drawings - 45%; specifications - 17%; and estimating, requisitioning, etc. - 9%.

On the Redox Production Plant the contractor was authorized to start negotiations with Kellex for the transfer of Section 100 Waste Removal, Section 200 Feed Preparation, Section 900 Waste Crystallization, and the work being done in the Jersey City laboratory from Job 11 to the Job 15 contract. Personnel on Job 15 is as follows: New York - 158, Richland - 12, making a total of 170. The number of Kellex personnel employed on Job 11 is not known. Scope drawing schedules have been published by General Electric.

Process Areas, General:

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Technical Center Area - Rescoping and re-estimating of this project is estimated to be 52% complete. This work is scheduled to be completed by August 15, 1949.

Health Instrument Control and Development Laboratory - Turnbull submitted outline plans and specifications to General Electric about three weeks ago, and a review of these plans and specifications by the Health Instrument Division revealed that certain items did not agree with design criteria furnished the architect-engineer. Turnbull is to estimate the savings to be effected by the changes from criteria furnished and make alterations in outline plans and specifications as necessary. It is expected that this work will be accomplished this week, and transmittal of the outline plans and specifications as revised will be made to AEC next week.

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Hanford Works General:

Water Supply - Maximum water consumption of 18,500,000 gallons occurred July 12. Since all well facilities have not yet been tied into the system, a program of water conservation appears essential until output of all available units can be utilized.

Aerial Survey - Notice to proceed has been given Abrams Aerial Surveys.

Village and Airport Paving Job - J. A. Terteling Company has been awarded and has accepted the contract for this work.

Commercial Facilities - The Anderson Motor Company, Packard dealer, commenced construction of a new garage during the week. The garage will be located in the light industrial area.

Personnel:

There are approximately 209 architect-engineer (less Turnbull) and 4,094 construction employees on the pay roll. Construction camp population is 4,864 persons.

IV - VISITORS:

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Visiting the project July 13 and 14, representing the Sixth Army, Presidio of San Francisco, for the purpose of general orientation and consultation were the following: Brig. Gen. Fredric Hayden, Col. Andrew Samuels Jr., Lt. Col. William O. Quirey, Lt. Col. John E. Wood Jr., Lt. Col. C. Coburn Smith, Maj. D. K. McGill, Maj. John C. Coontz, Maj. William Farrar, Capt. Richard Campbell, 1st. Lt. Vincent W. Bezich, and 1st Lt. Joseph A. Guiliana.

Mr. Ted Robertson, publisher of the Yakima Herald and of the Yakima Republic, visited for a general orientation.

Fred C. Robertson

**DATE
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10 / 20 / 93

END